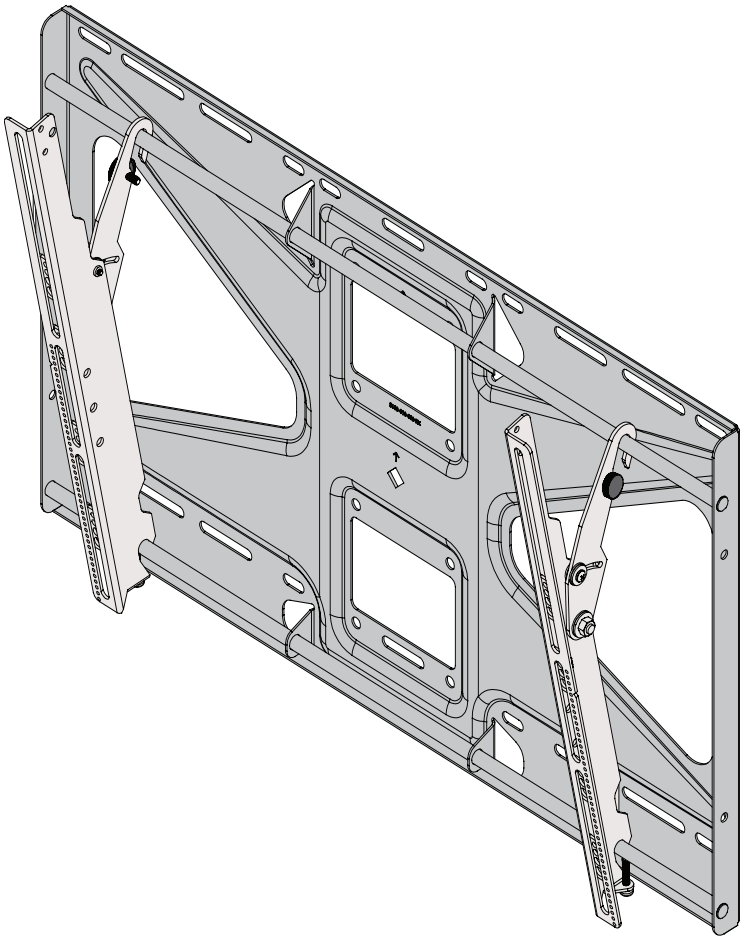
PREMIER MOUNTS®

CREATING POSITIVE CUSTOMER EXPERIENCES

INSTALLATION INSTRUCTIONS



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Weight Limit

Maximum Flat Panel Weight: 160 lbs.

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE WEIGHT OF THE FLAT PANEL. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED.

Warning Statements

PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS MUST BE READ AND COMPLETELY UNDERSTOOD. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

STOP PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN MUST BE FOLLOWED, AS OUTLINED IN THESE INSTALLATION INSTRUCTIONS. FAILURE TO DO SO COULD RESULT IN PROPERTY DAMAGE, SERIOUS PERSONAL INJURY, OR EVEN DEATH.

STOP SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE ASSEMBLY OF THIS PRODUCT. USE PROPER SAFETY EQUIPMENT AND TOOLS FOR THE ASSEMBLY PROCEDURE TO PREVENT PERSONAL INJURY.

STOP PREMIER MOUNTS DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PREMIER MOUNTS PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

At least two qualified people should perform the assembly procedure. Personal injury and/or property damage can result from dropping or mishandling the flat panel.

If mounting to wall studs or ceiling studs, make sure that the mounting screws are anchored into the center of the wall studs or ceiling studs. Use of an edge-to-edge stud finder is recommended.

It is recommended that a maximum of ⅝″ plaster board be used when mounting to wooden studs.

Be aware of the mounting environment. If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires in wall. Cutting or drilling into an electrical line may cause serious personal injury.

Make sure there are no water or natural gas lines inside the wall where the mount is to be located. Cutting or drilling into a water or gas line may cause severe property damage or personal injury.

This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.

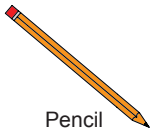
Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.

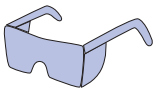
Contact Premier Mounts with any questions:
(800) 368-9700
techsupport@mounts.com

Installation Tools

The following tools may be required, dependent upon your particular installation. These tools are not provided by Premier Mounts, but you can purchase them at your local hardware store.

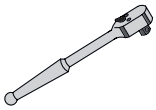
Electronic Stud Finder


Pencil

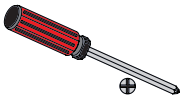

Protective Eyewear

Portable Drill

¼″ Drill Bit


Socket Wrench

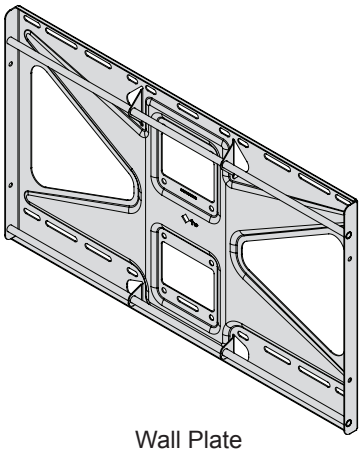
½″ Socket

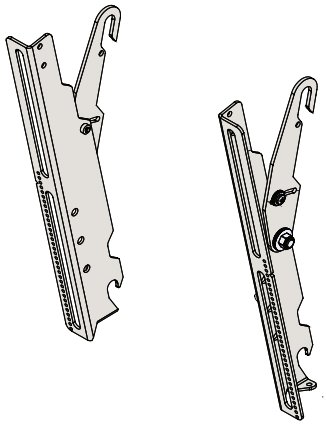

Phillips Head Screwdriver

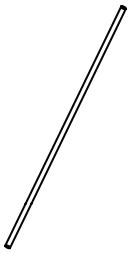
Parts List

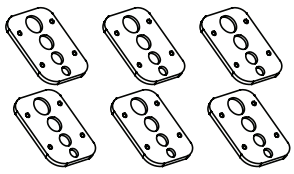
Your Premier Mounts product is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts at 1-800-368-9700.

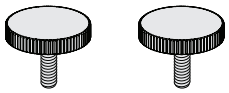
CTM-MS2 Tilting Wall Mount Assembly Components

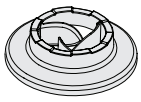

Wall Plate
(Qty 1)


Mounting Bracket
(Qty 2)

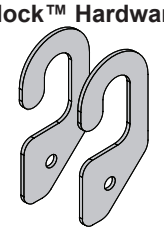

Thread Depth Indicator
(Supplied)

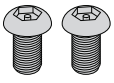

Griplate™ Washer
(Qty 6)

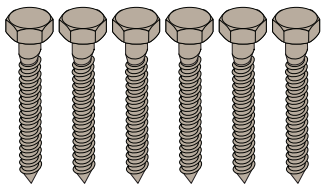

M6 Safety Knurl Knob
(Qty 2)

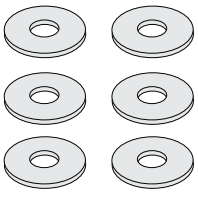

Universal Spacers
(Qty 24)

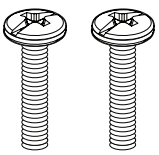
Panelock™ Hardware Kit

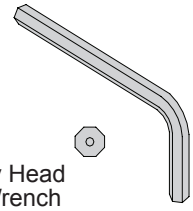

Panelock™ Hooks (Qty 2)


M6 x 12mm Security Head Screw (Qty 2)

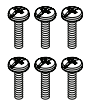
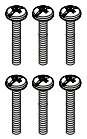
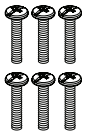
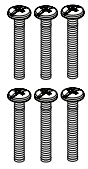
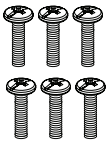
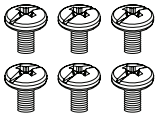
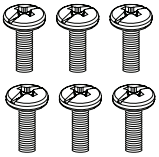
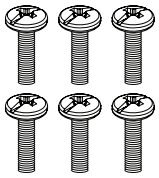
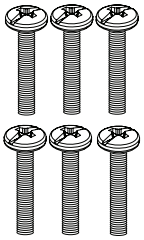
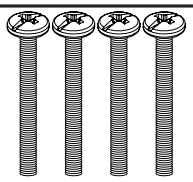

5/16″ x 3″ Lag Bolt
(Wooden Studs Only) (Qty 6)


5/16″ Flat Washer
(Qty 6)

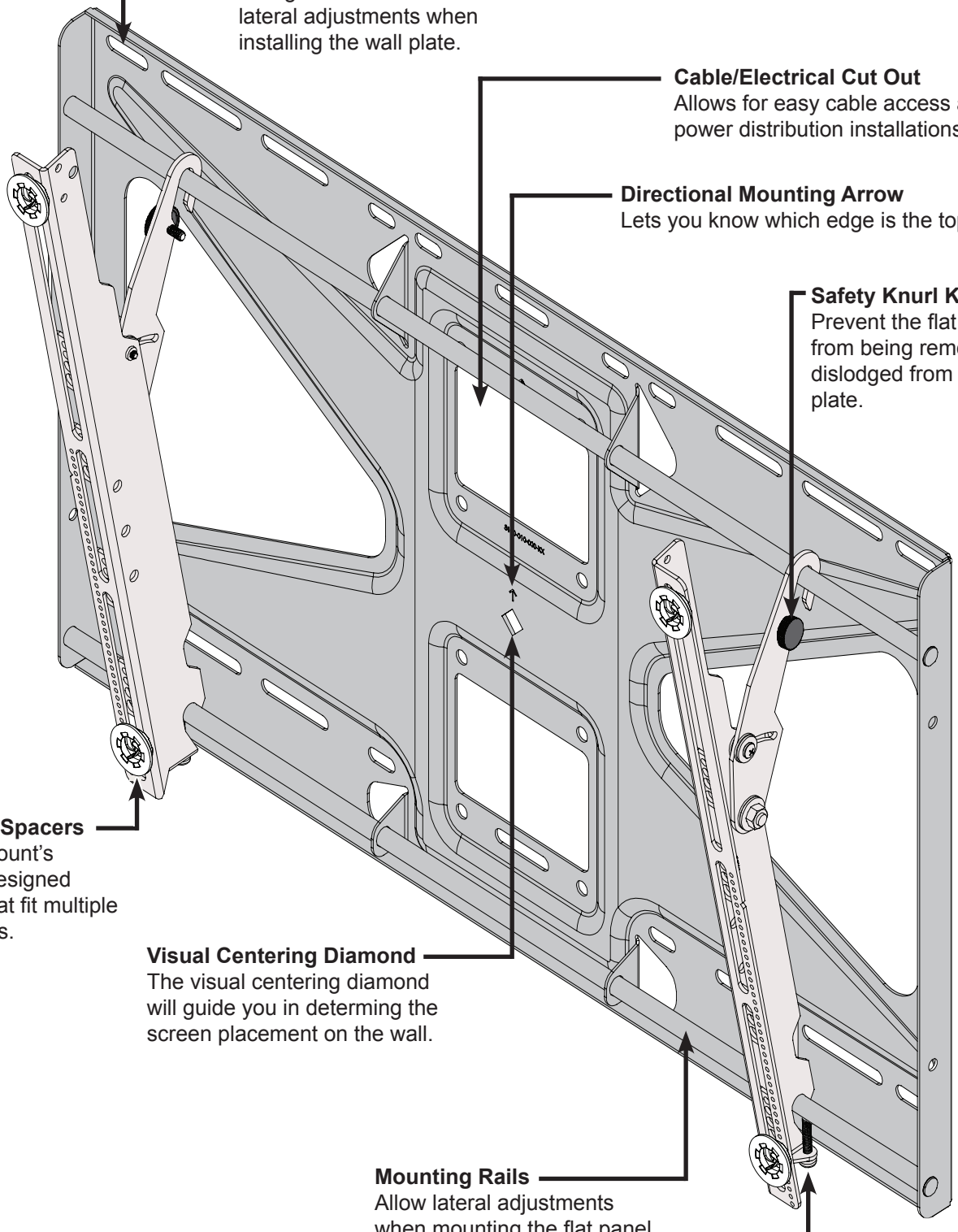

M6 x 30mm Locking Safety Screw (Qty 2)


Security Head Allen Wrench

Parts List (cont'd)

Mounting Hardware	
M4 x 16mm Screw (Qty 6)	
M4 x 25mm Screw (Qty 6)	
M4 x 30mm Screw (Qty 6)	
M5 x 16mm Screw (Qty 6)	
M5 x 25mm Screw (Qty 6)	
M5 x 30mm Screw (Qty 6)	
M6 x 16mm Screw (Qty 6)	
M6 x 25mm Screw (Qty 6)	
M6 x 30mm Screw (Qty 6)	
M6 x 45mm Screw (Qty 6)	
M8 x 16mm Screw (Qty 6)	
M8 x 25mm Screw (Qty 6)	
M8 x 30mm Screw (Qty 6)	
M8 x 45mm Screw (Qty 6)	
M8 x 70mm Screw (Qty 4)	

Features



Mounting Slots
Allow for a variety of stud configurations and lateral adjustments when installing the wall plate.

Cable/Electrical Cut Out
Allows for easy cable access and power distribution installations.

Directional Mounting Arrow
Lets you know which edge is the top.

Safety Knurl Knobs
Prevent the flat panel from being removed or dislodged from the wall plate.

Universal Spacers
Premier Mount's uniquely designed spacers that fit multiple screw sizes.

Visual Centering Diamond
The visual centering diamond will guide you in determing the screen placement on the wall.

Mounting Rails
Allow lateral adjustments when mounting the flat panel.

Locking Safety Screws
Prevent the flat panel from being removed or dislodged from the wall plate.

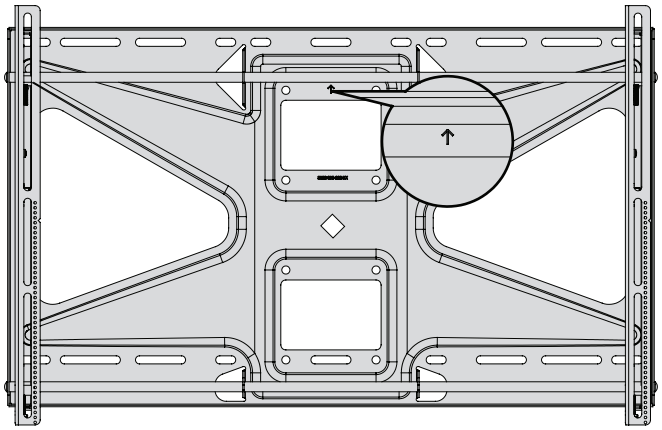
Installing the Wall Plate

Introduction

Directional Mounting Arrow
The Directional Mounting Arrow stamped into the CTM-MS2 wall plate indicates which edge is the top.

Visual Centering Diamond
The Visual Centering Diamond will guide you in determing the screen placement on the wall.

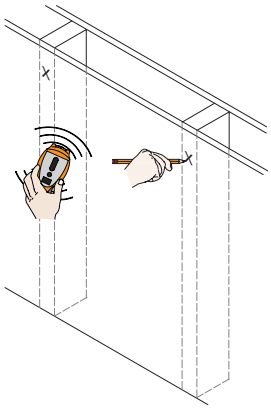
Mounting Safety
Two people are recommended to install the wall plate.



Step 1

You must secure the wall plate to two (2) wall studs with six (6) lag bolts (3 lag bolts for each stud found).

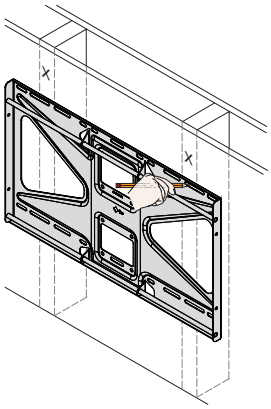
1. Use a stud finder to determine the exact center of wall studs in the vicinity of the wall plate.
2. Use a pencil to mark the exact center of each of the wall studs.



Step 2

Two people are recommended for this step; one person to level the wall plate and another person to mark the wall stud location.

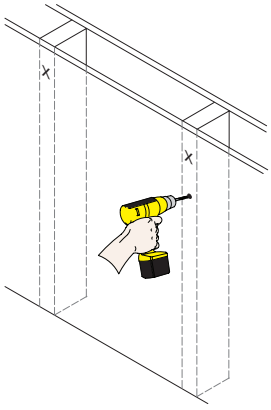
1. Place the wall plate against the wall in the desired viewing location.
2. Adjust the wall plate to align the mount slots in the wall plate with the center of the wall studs.
3. Level the wall plate.
4. Use a pencil to mark the upper right mounting location along the center of the wall stud.



Step 3

Drill a “pilot hole” in the center of the upper right mark using a ¼″ drill bit and power drill.

Only use a ¼″ drill bit when drilling pilot holes.

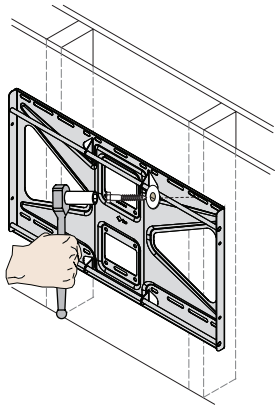


Installing the Wall Plate (cont'd)

Step 4

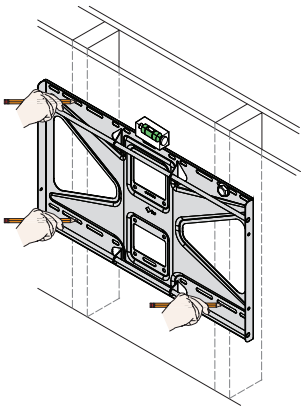
1. Place the wall plate against the wall and align it with the pilot hole.
2. Insert one (1) 5/16″ x 3″ lag bolt and one (1) 5/16″ washer into the upper right pilot hole.
3. Use a socket wrench and a ½″ socket to tighten the lag bolt.

⚠ Do not overtighten the lag bolt.



Step 5

1. Level the wall plate.
2. Use a pencil to mark the remaining five (5) mounting locations along the center of each wall stud.

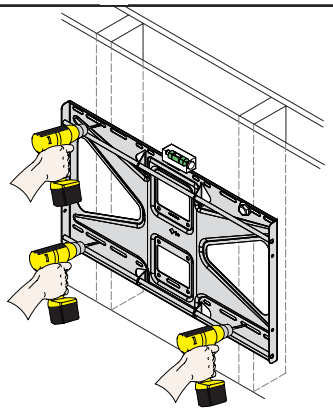


Step 6

⚠ Two people are recommended for this step; one person to level the wall plate and another person to drill the pilot holes.

Drill a "pilot hole" in the center of each of the marks with a power drill and a ¼″ drill bit.

⚠ Only use ¼″ drill bit when drilling the pilot holes.

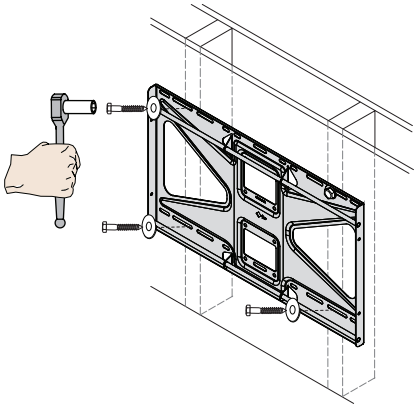


Step 7

1. Insert one (1) 5/16″ x 3″ lag bolt and one (1) 5/16″ washer into each pilot hole
2. Tighten all lag bolts using a socket wrench and ½″ socket.

⚠ Do not overtighten the lag bolts when attaching the mount to the wall. Improper installation may result in personal injury or property damage.

Proceed to the "Installing the Mounting Bracket" on page 8.



Installing the Mounting Brackets

Selecting the Mounting Hardware

1. Insert a small straw or toothpick into the threaded inserts found on the back of the flat panel.
2. Use a pencil to mark the depth of the threaded insert on the small straw or toothpick.
3. Mark the straw or toothpick 1/8” above the depth of the threaded insert, as shown in Figure 1.
4. Insert the small straw or toothpick into the remaining threaded inserts to compare and verify their depth using the straw or toothpick’s 1/8” allowance mark.
5. Locate the correct diameter screw for the threaded insert.

If the screw you selected is longer than the 1/8” allowance mark on the small straw or toothpick, as shown in Figure 2 and Figure 3, do not use this screw. The screw length must not bypass the mark.

6. Test each size of the screws provided.

   The correct screws should thread easily into the mounting point and not pull out when tension is applied.

Proceed to the “Griplate™ Installation” section.

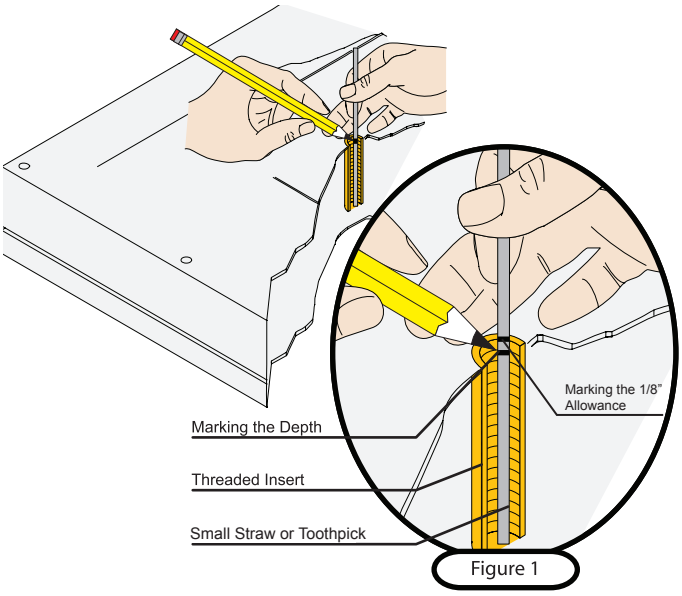


Figure 1

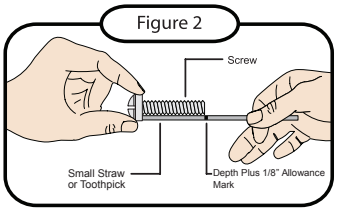


Figure 2

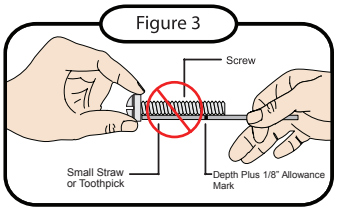


Figure 3

Installing the Mounting Brackets (cont'd)

Griplate™ Installation

Premier Mounts' Universal Washers are designed to accommodate the various M4, M5, M6 and M8 hole sizes required by flat panels.

Do not place excessive pressure on the back of the flat panel, as this may damage the flat panel.

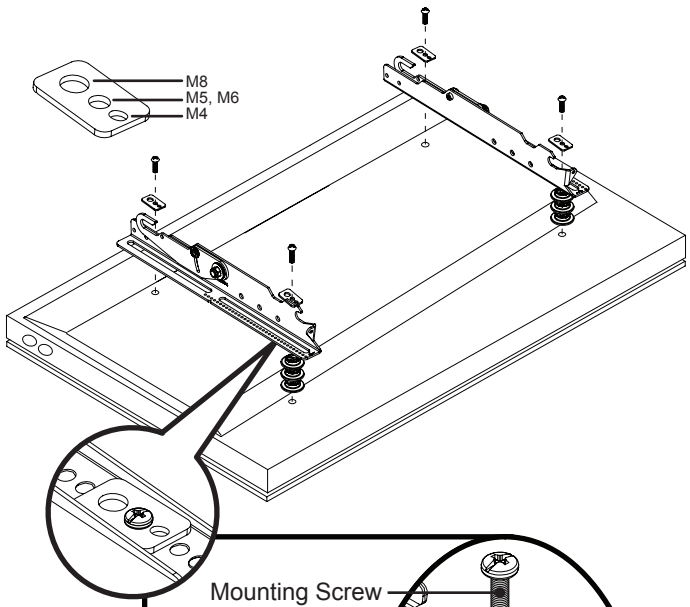
The Universal Washer must be installed between the head of the mounting screw and the mounting bracket as shown.

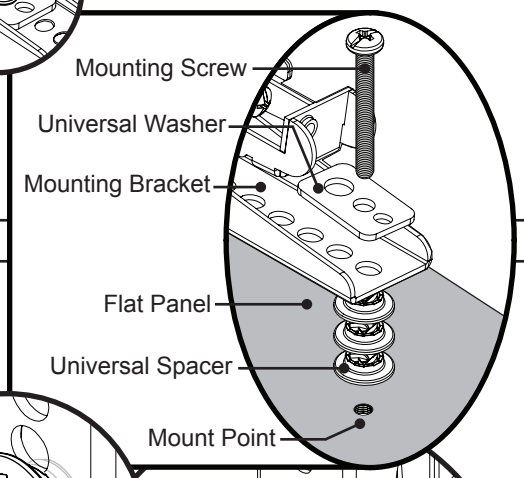
Does the flat panel have:

- Recessed mount points?
- Uneven mount points?
- A curved back?
- Any obstruction near the mount point?

If **Yes**, you must install Universal Spacers. Remove the mounting brackets, Universal Washers, and mounting screws from the back of the flat panel. **Proceed to the "Universal Spacer Installation" below**.

If **No**, **skip to the "Attaching the Mounting Bracket to the Flat Panel" on page 10**.





Universal Spacer Installation

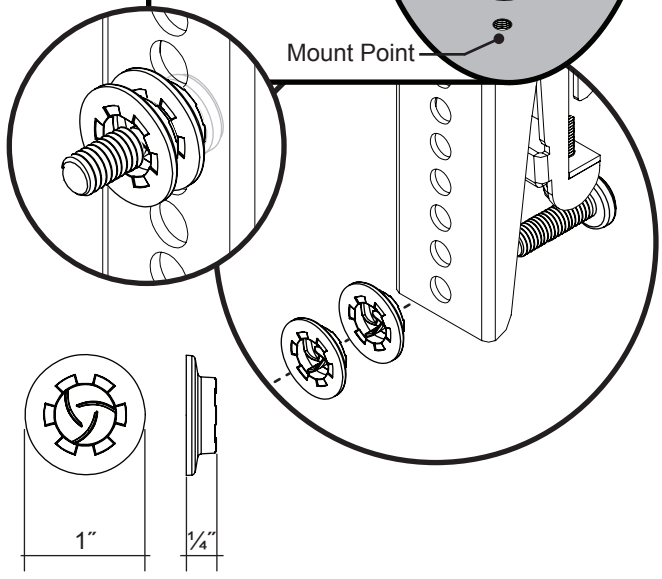
Premier Mounts' Universal Spacers allow you to attach the mounting bracket to flat panels which have recessed or uneven mount points. Each Universal Spacer adds ¼″ to the distance between the mounting bracket and the flat panel.

The Universal Spacers must be stacked and oriented as shown.

The Universal Spacers must only be installed between the mounting bracket and the flat panel.

The Universal Spacers will fit M4, M5, M6 and M8 screw sizes.

Proceed to the **"Attaching the Mounting Bracket to the Flat Panel"** section.

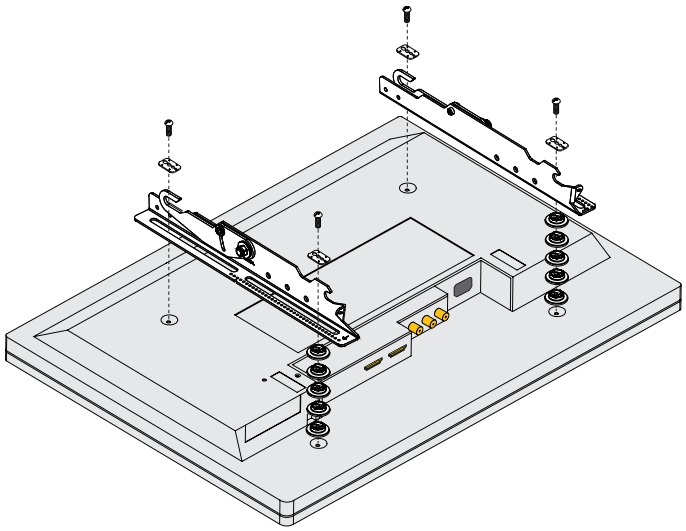


Installing the Mounting Brackets (cont'd)

Attaching the Mounting Brackets to the Flat Panel

This section presumes that you have read and understood these sections:

- Selecting the Proper Mounting Hardware
- Universal Washer Installation
- Universal Spacer Installation



1. Place your flat panel screen-side down on a soft, flat surface.
2. Identify the number and location of the thread inserts on the back of your flat panel.
3. Aligning the holes on each mounting bracket with the thread inserts on the back of your flat panel.
4. Secure each mounting bracket to your flat panel by inserting a minimum of two (2) screws per bracket.

Do not overtighten the mounting hardware.

Proceed to the "Mounting the Flat Panel" below.

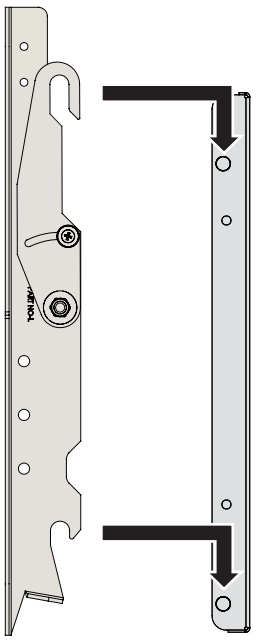
Mounting the Flat Panel

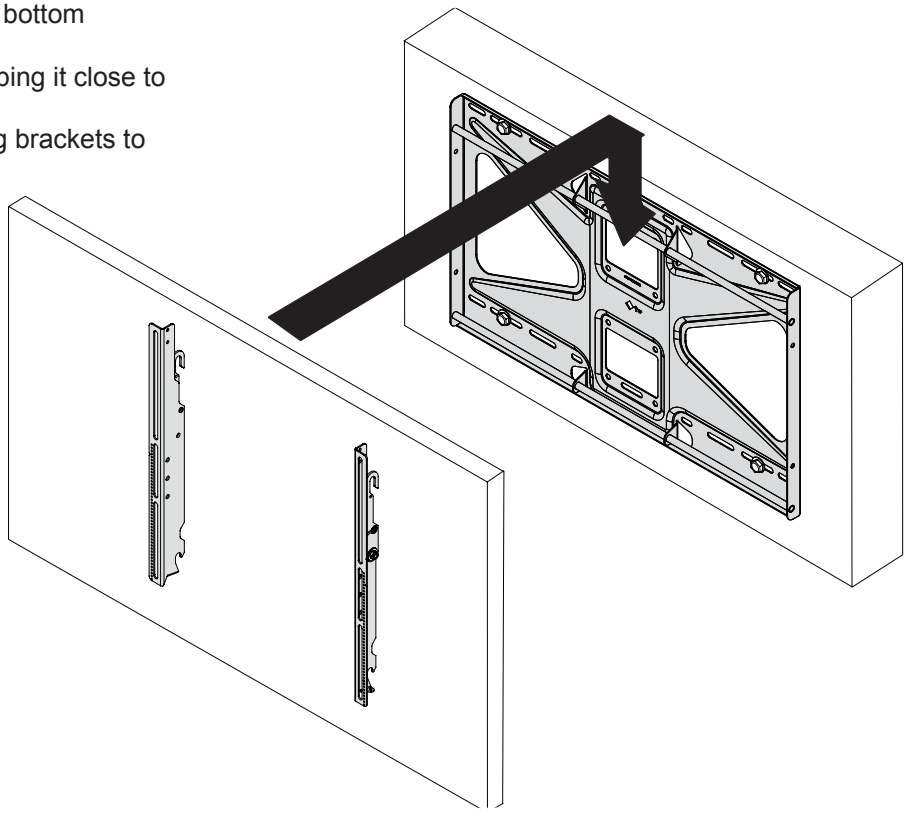
Attaching the Flat Panel to the Wall Plate

This section requires two people.

Do not release your flat panel until you are certain that top and bottom hooks of both mounting brackets are securely seated on the upper and lower mounting rails of the wall panel.

1. Raise the flat panel past the top and bottom mounting rails on the wall panel.
2. Slide the flat panel down slowly, keeping it close to the wall.
3. Engage the top and bottom mounting brackets to the rails of the wall plate.





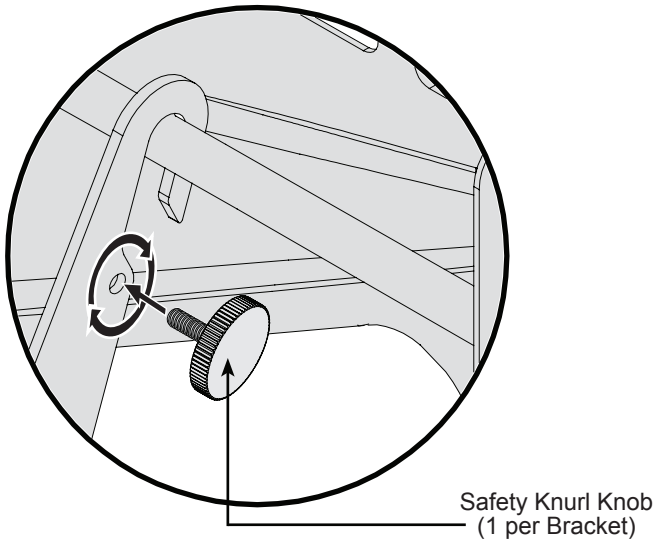
Safety Knurl Knob Installation

If you chose not to install the safety knurl knobs and instead chose to use the Panelock™, skip this section and proceed to the Panelock™ Installation section below.

The Panelock™ is a theft deterent device. It comes with security hardware that requires a special tool that is used to install and remove the security head screws.

The safety knurl knobs keep the flat panel from being accidently dislodged from the CTM-MS2.

1. Fully extend the flat panel away from the wall.
2. Install and tighten a safety knurl knob at the top of one of the mounting brackets.
3. Repeat steps 1 and 2 for the other safety knurl knob.



Panelock™ Installation

If the safety knurl knobs were previously installed, they must be removed prior to installing the Panelock™ hardware.

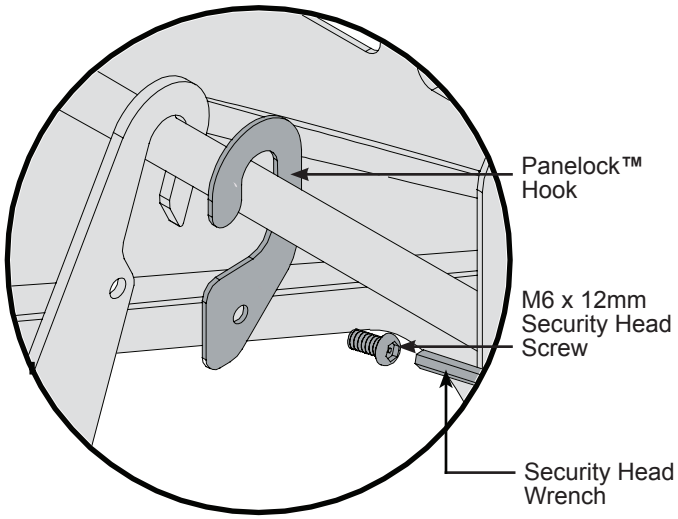
1. Slide the Panelock™ onto the top mounting rail, placing the Panelock™ to the outside edge of the flat panel bracket.

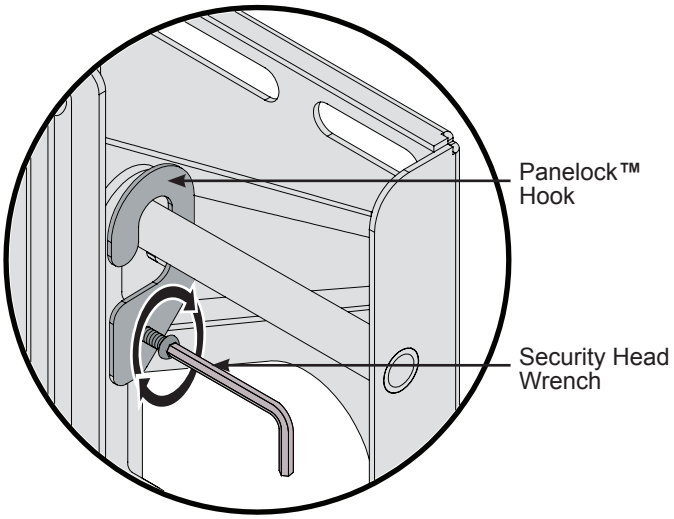
Be sure that the Panelock™ is facing in the same direction as shown in the illustration to the right.

2. Insert and tighten one (1) M6 x 12mm screw to attach the Panelock™ to the flat panel bracket.

Repeat 1 and 2 to attach the remaining Panelock™.

Proceed to "Tilt Adjustment" on page 12.





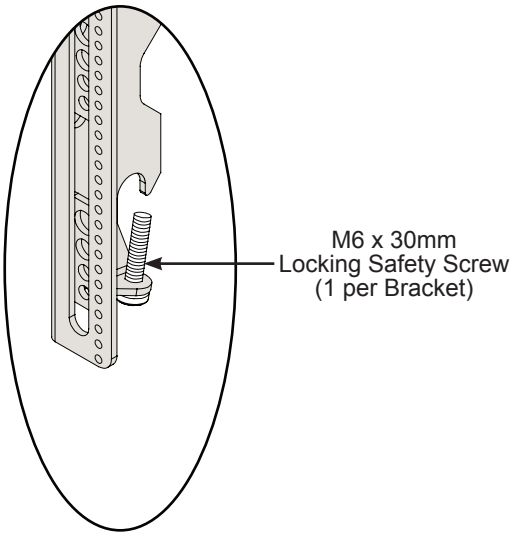
Locking Safety Screw Installation

The locking safety screws keep the flat panel from being accidently dislodged from the CTM-MS2.

1. Thread an M6 x 30mm locking safety screw at the bottom of one of the mounting brackets.
2. Use a Phillips head screwdriver to tighten the locking safety screw.
3. Repeat steps 1 and 2 for the other locking safety screw.

Do not overtighten the locking safety screws.

Proceed to the "Installing the Mounting Bracket" below.



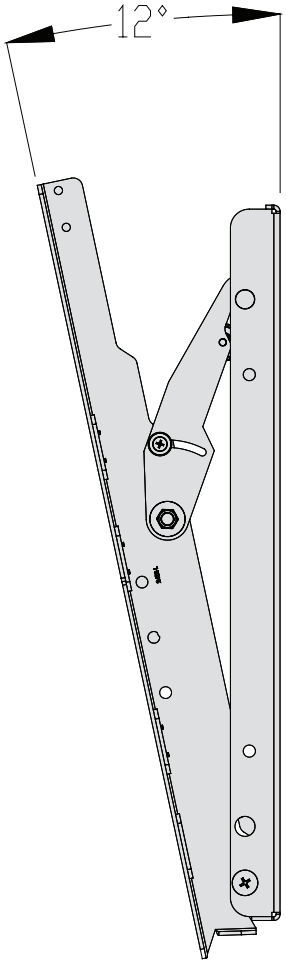
Tilt Adjustment

Adjusting the Flat Panel Friction Tilt Angle

1. Place one hand at the center top edge of the flat panel.
2. Place the other hand on the center bottom edge of the flat panel.
3. Using the upper hand, gently pull the top of the flat panel towards you while the lower hand gently pushes the bottom of the flat panel away from you.

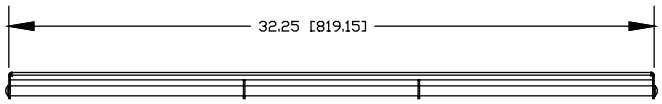
Adjusting the Flat Panel to the Original Position

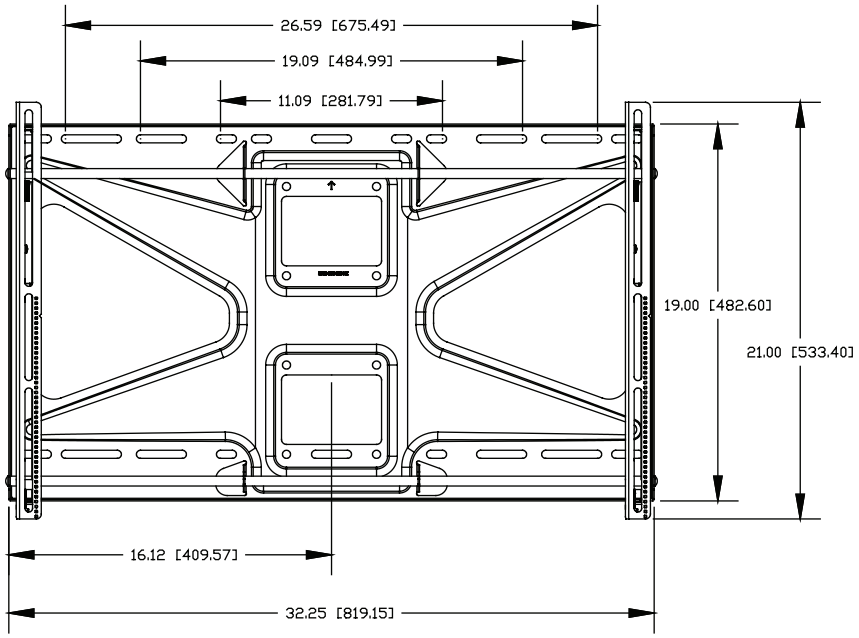
1. Place one hand at the center top edge of the flat panel.
2. Place the other hand on the center bottom edge of the flat panel.
3. Using the upper hand, gently push the top of the flat panel towards the wall while the lower hand gently pulls the bottom of the flat panel away from the wall.

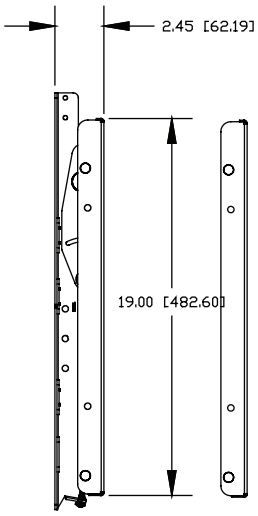


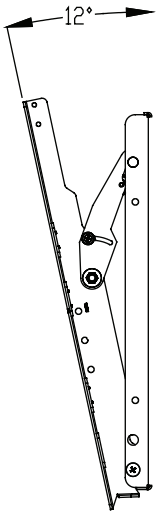
Technical Specifications

All measurements are in inches [millimeters].









Warranty

PREMIER MOUNTS
LIMITED LIFETIME WARRANTY

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Premier Mounts
Attn: Warranty Claim
3130 East Miraloma Ave.
Anaheim, CA 92806

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